IN THE CLAIMS:

Please amend the claims as follows.

1.   (Currently Amended) A method for allocating a percentage of system resources among a plurality of process groups in a computer system, said computer system comprising at least one a plurality of central processing units, said at least one plurality of central processing units combined into at least one processor set, said method comprising:

a.   assigning each of said plurality of process groups a number of shares for each or said of at least one processor set; and

b.   allocating said system resources of each of said at least one processor set to each of said plurality of process groups associated with said at least one processor set according to the number of shares assigned to said each of said plurality of process groups associated with said at least one processor set.

2.   (Currently Amended) The method of claim 1, wherein said system resources of each of said at least one processor set are allocated based on a total number of shares of all active processor groups within said each of said at least one processor set.

3.   (Currently Amended) The method of claim 1, wherein said percentage of said system resources is calculated based on a ratio of the number of shares assigned to said each of said plurality of process groups to the a total number of shares of all active process groups within said each of said at least one processor set.

4.   (Currently Amended) The method of claim 1, wherein each of said plurality of process groups includes only one process.

3

5.   (Currently Amended) A computer readable medium embodying a program for allocating a percentage of system resources among <u>a plurality of</u> process groups in a computer system, said computer system comprising ~~at least one~~ <u>a</u> <u>plurality of</u> central processing unit<u>s</u>, said ~~at least one~~ <u>plurality of</u> central processing unit<u>s</u> combined into at least one processor set, said program comprising:

a.   assigning each of said <u>plurality of</u> process groups a number of shares ~~for each or said~~ <u>of</u> at least one processor set; <u>and</u>

b.   allocating said system resources of ~~each of~~ said at least one processor set to each of said <u>plurality of</u> process groups <u>associated with said at least one</u> <u>processor set</u> according to the number of shares assigned to ~~said~~ each of said <u>plurality of</u> process groups <u>associated with said at least one processor set</u>.

6.   (Currently Amended) The computer readable medium of claim 5, wherein said system resources of each of said at least one processor set are allocated based on a <u>total</u> number of shares of all active <u>processor</u> groups within ~~said~~ each of said at least one processor set.

7.   (Currently Amended) The computer readable medium of claim 5, wherein said percentage of said system resources is calculated based on a ratio of the number of shares assigned to said each of said <u>plurality of</u> process groups to ~~the~~ <u>a</u> <u>total</u> number of shares of all active <u>process</u> groups within ~~said~~ each of said at least one processor set.

8.   (Currently Amended) The computer readable medium of claim 5, wherein each of said <u>plurality of</u> process groups includes only one process.

9.   (Currently Amended) A computer system comprising at least a central processing unit and a memory, said memory storing a program for allocating a percentage of system resources among <u>a plurality of</u> process groups in a computer

system, said computer system comprising ~~at least one~~ a plurality of central processing unit~~s~~, said ~~at least one~~ plurality of central processing unit~~s~~ combined into at least one processor set, said program comprising:

    a.   assigning each of said plurality of process groups a number of shares ~~for each or said~~ of at least one processor set; and

    b.   allocating said system resources of ~~each of~~ said at least one processor set to each of said plurality of process groups associated with said at least one processor set according to the number of shares assigned to ~~said~~ each of said plurality of process groups associated with said at least one processor set.

10.   (Currently Amended) The computer system of claim 9, wherein said system resources of each of said at least one processor set are allocated based on a total number of shares of all active processor groups within ~~said~~ each of said at least one processor set.

11.   (Currently Amended) The computer system of claim 9, wherein said percentage of said system resources is calculated based on a ratio of the number of shares assigned to said each of said plurality of process groups to ~~the~~ a total number of shares of all active process groups within ~~said~~ each of said at least one processor set.

12.   (Currently Amended) The computer system of claim 9, wherein each of said plurality of process groups includes only one process.